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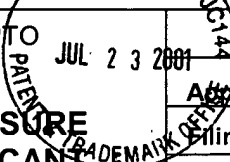
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Substitute for form 1449A/PTO (modified) INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)						Complete if known	
Application Number		09/872,310					
Filing Date		5/31/01					
First Named Inventor		Robert D. Ainsworth, et al.					
Group Art Unit		Not Yet Assigned					
Examiner Name		Not Yet Assigned					
Attorney Docket Number		3764.P180 (Guid. No. 1954-1958)					
Sheet	1	of	5				

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	U.S. Patent Document Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Figures Appear
TYL	A1	4,587,972		Morante, Jr.	05/13/1986	
	A2	4,887,605		Angelsen et al.	12/19/1989	
	A3	5,022,399		Biegeleisen	06/11/1991	
	A4	5,325,860		Seward et al.	06/05/1994	
	A5	5,345,940		Seward et al.	10/13/1994	
	A6	5,855,563		Kaplan et al.	01/05/1999	
	A7	5,167,233		Eberle et al.	12/01/1992	
	A8	5,756,351		Isacoff et al.	05/26/1998	
	A9	4,671,288		Gough	06/09/1987	
	A10	5,603,820		Malinski et al.	02/18/1997	
	A11	5,047,213		Finlan et al.	10/10/1991	
	A12	4,326,875		Rabinovitz et al.	05/22/1990	
	A13	5,744,902		Vig	04/28/1998	

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	B1							
	B2							
	B3							
	B4							
	B5							
	B6							
Examiner Signature	Teoyuh L...					Date Considered	5/10/03	

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JVL	A1	5,284,146		Czar et al.	02/08/1994	
	A2	5,984,909		Lurie et al.	11/16/1999	
	A3	6,001,085		Lurie et al.	12/14/1999	
	A4	4,794,931		Yock	01/03/1989	
	A5	5,571,086		Kaplan et al.	11/01/1996	
	A6	5,902,308		Murphy	05/11/1999	
	A7	Re. 34,659		Mar et al.	08/16/1994	
	A8	5,582,171		Chornenky et al.	12/10/1996	
	A9	5,919,129		Vandre	07/06/1999	
	A10	5,951,482		Winston et al.	09/14/1999	
	A11	4,920,967		Cottonaro et al.	05/01/1990	
	A12	5,873,835		Hastings et al.	02/23/1999	
	A13	5,980,471		Jafari	11/09/1999	

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	B1							
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	B4							
	B5							
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Examiner Signature	<i>Leigh L...</i>	Date Considered	5/15/03
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JYL	A1	5,957,903		Mirzaee et al.	09/28/1999	
	A2	5,935,075		Casscells et al.	08/10/1999	
	A3	5,782,760		Schaer	07/21/1998	
	A4	5,876,345		Eaton et al.	03/02/1999	
	A5	5,951,471		de la Rama et al.	09/14/1999	
	A6	6,141,576		Littmann et al.	10/31/2000	
	A7	6,023,638		Swanson	02/08/2000	
	A8					
	A9					
	A10					
	A11					
	A12					
	A13					

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	B4							
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Examiner Signature	<i>Troy L...</i>					Date Considered	8/15/03	

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Sheet	4	of	5	Attorney Docket Number		3764.P180 (Guid. No. 1954-1958)

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
Jyl	C1	BEEKHUIZEN H, van FURTH R. "Monocyte Adherence to Human Vascular Endothelium." <i>Journal of Leukocyte Biology</i> 1993, vol. 54, 363-378	
	C2	CASSELLS W, HATHORN B, DAVID M, KRABACH T, VAUGH W, MCALLISTER H, et al., "Thermal detection of Cellular Infiltrates in Living Atherosclerotic Plaques: Possible Implications for Plaque Rupture and Thrombosis." <i>Lancet</i> 1996, vol. 347, 1447-1451	
	C3	EINAV S. "Laser Doppler Fiberscope Anemometer for In Vivo Blood Flow Measurements." <i>Optical Fibers in Medicine VIII</i> 1993, 62-73	
	C4	HANGIANDREOU N, TOGGART E, MISTRETTA C. "Investigation of the Performance of Two Types of the Doppler Catheter in Vitro." <i>Catherization and Cardiovascular Diagnosis</i> 1989, vol. 18, 108-117	
	C5	IKEDA U, TAKAHASHI M, SHIMADA K. "Monocyte-Endothelial Cell Interaction in Atherogenesis and Thrombosis." <i>Clinical Cardiology</i> 1997, vol. 21, 11-14	
	C6	KERN M, de BRUYNE B, PIJLS N. "From Research to Clinical Practice: Current Role of Intracoronary Physiologically Based Decision making in the Cardiac Catherterization Laboratory." <i>Journal of the American College of Cardiology</i> 1997, vol. 30, 613-620	
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	C8	NISHHARA H, KOYAMA J, HOKI N, KAJIYA F, HIRONAGA M, KANO M. "optical-Fiber Laser Doppler Velocimeter for High-Resolution Measurement of Pulsatile Blood Flows." <i>Applied Optics</i> 1982, vol. 21, 1785-1790.	
	C9	SERRUYS P, di MARIO C, PIEK J, SHCROEDER E, Vrints C, PROBST P, de BRUYNE B, et al., "Prognostic Value of Intracoronary Flow Velocity and Diameter Stenosis in Assessing the Short - and Long-Term Outcomes of Coronary Balloon Angioplasty: The DEBATE Study." <i>Circulation</i> 1997, vol. 96, 3369-3377	
	C10	STEFANDADIS C, DIAMANTOPOULOS L, VLACHOPOULOS C, TSAMIS E, DERNELLIS J, TOUTOUZAS K, et al. "Thermal Heterogeneity Within Human Atherosclerotic Coronary Arteries Detected In Vive: A New Method of Detection by Application of a Special Thermography Catheter." <i>Circulation</i> 1999, vol. 99, 1965-71	

Examiner Signature	<i>Teoyul Lee</i>	Date Considered	5/15/03
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JY	C1	Doucette J., Corl D., Payne H., Flynn A., Goto M., Nassi M., Segal J. "Validation of a Doppler Guidewire for Intravascular Measurement of Coronary Artery Flow Velocity", <i>Circulation</i> 1992, vol. 85, 382-385	
	C2	Dib N., Bajwa T., Shalev Y., Nesto R. Schmidt D., "Validation of Doppler FloWire for Measurement of Coronary Flow Reserve in Humans". <i>Catheterization and Cardiovascular Diagnosis</i> 1998, vol. 45, 382-385	
	C3	Pijls N., Van Gelder B., Van der Voort P., Peels K., Bracke F., Bonnier H., El Gamal M., "Fractional Flow Reserve: A Useful Index to Evaluate the Influence of an Epicardial Coronary Stenosis on Myocardial Blood Flow." <i>Circulation</i> 1995, vol. 92, 3183-3193	
	C4	Bridget Hurley's Lab Book 5449, pages 28-29	
	C5	Jeff Ellis, Lab Book 5528, pages 103-107	
	C6	Davis R., "Bursting The Deadly Danger Of Aortic Aneurysms", <i>USA Today</i> , 3/16/00, Section 10D	
	C7	Krohn D., "Two Ways of Sensing with Fibers for Two Kinds of Applications", 1998 <i>The Photonics Design and Applications Handbook</i> , Sensors, H-203	
	C8	Engineering & Marketing Staff, "An Introduction to Fiber Optics", 1998 <i>The Photonics Design and Applications Handbook</i> , Fiber Optics, H-176	
	C9	Bhatia V., Murphy K., de Vires M., Sen M., D'Alberto T., "A Comparative Evaluation of the Types and Applications of Various Sensors" 1998, <i>The Photonics Design and Applications Handbook</i> , Sensors, H-199	
	C10	McCann B., "Three Silica-Core Fibers Rise to Top in Medical Laser Uses", 1998, <i>The Photonics Design and Applications Handbook</i> , Fibers/Medical Lasers, H-209	
	C11	McCann B., "Fiber Holds the Key to Medical Lasers' Success", May 1990, <i>Photonics Spectra</i> , pg. 127	
	C12	Moslem A., "Transmission properties of optical fibers at two laser wavelengths: 660 nm & 2100 nm", PTICAL Materials, 8-19-1991, Center for Laser Research, Oklahoma State University, pg. 27 - 41	
	C13		

Examiner Signature	<i>Jeoyul</i>	Date Considered	5/18/03
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